Distributed by:

JAMECO® ELECTRONICS

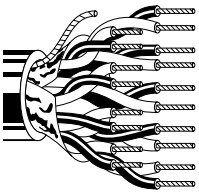
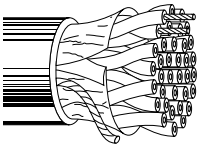
www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

Overall Beldfoil® Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-422 Applications

Jameco Part Number 234178 (1419A-060-100)

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
24 AWG Stranded Conductors (7x32) • Tinned Copper • Twisted Pairs • Overall 100% Beldfoil Shield • 24 AWG Stranded TC Drain Wire																		
Polyethylene Insulation • Chrome PVC Jacket																		
UL AWM Style 2919 (30V 80°C) 	**9680**	NEC: CM CEC: CM	3	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	19.0 38.0	8.6 17.3	24.0Ω/M′ 78.7Ω/km	14.4Ω/M′ 47.2Ω/km	.282	7.16	100	66%	15.5	50.8	27.5	90.2
	9681	NEC: CM CEC: CM	4	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	22.5 45.0	10.2 20.5	24.0Ω/M′ 78.7Ω/km	14.4Ω/M′ 47.2Ω/km	.307	7.80	100	66%	15.5	50.8	27.5	90.2
	9682	NEC: CM CEC: CM	6	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	29.5 56.0	13.4 25.5	24.0Ω/M′ 78.7Ω/km	13.1Ω/M′ 43.0Ω/km	.342	8.69	100	66%	15.5	50.8	27.5	90.2
	9683	NEC: CM CEC: CM	9	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	40.0 79.0	18.2 35.9	24.0Ω/M′ 78.7Ω/km	12.0Ω/M′ 39.4Ω/km	.397	10.10	100	66%	15.5	50.8	27.5	90.2
	9684	NEC: CM CEC: CM	12.5 (12 pairs + 1 single)	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	49.5 97.0	22.6 44.1	24.0Ω/M′ 78.7Ω/km	12.0Ω/M′ 39.4Ω/km	.445	11.30	100	66%	15.5	50.8	27.5	90.2
Datalene® Insulation • Chrome PVC Jacket																		
UL AWM Style 2919 (30V 80°C) 	**1419A**	NEC: CM CEC: CM	2	See Chart 5 (Tech Info Section)	500 1000 10000	152.4 304.8 3048.0	15.5 30.0 310.0	7.0 13.6 140.9	24.0Ω/M′ 78.7Ω/km	15.1Ω/M′ 49.5Ω/km	.248	6.30	100	78%	13	42.7	22	72
	1420A	NEC: CM CEC: CM	3	See Chart 5 (Tech Info Section)	500 1000 10000	152.4 304.8 3048.0	17.0 34.0 340.0	7.7 15.5 154.5	24.0Ω/M′ 78.7Ω/km	15.1Ω/M′ 49.5Ω/km	.261	6.63	100	78%	13	42.7	22	72
	1421A	NEC: CM CEC: CM	4	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	18.5 37.0	8.4 16.8	24.0Ω/M′ 78.7Ω/km	14.4Ω/M′ 47.2Ω/km	.280	7.11	100	78%	13	42.7	22	72
	1422A	NEC: CM CEC: CM	5	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	23.0 43.0	10.5 19.5	24.0Ω/M′ 78.7Ω/km	14.4Ω/M′ 47.2Ω/km	.294	7.47	100	78%	13	42.7	22	72
	1423A	NEC: CM CEC: CM	6	See Chart 5 (Tech Info Section)	500 1000 10000	152.4 304.8 3048.0	25.0 48.0 500.0	11.4 21.8 227.3	24.0Ω/M′ 78.7Ω/km	13.0Ω/M′ 42.7Ω/km	.319	8.10	100	78%	13	42.7	22	72
	1424A	NEC: CM CEC: CM	12.5 (12 pairs + 1 single)	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	42.0 83.0	19.1 37.7	24.0Ω/M′ 78.7Ω/km	13.0Ω/M′ 42.7Ω/km	.418	10.62	100	78%	13	42.7	22	72
	1425A	NEC: CM CEC: CM	15	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	53.0 99.0	24.1 45.0	24.0Ω/M′ 78.7Ω/km	11.2Ω/M′ 36.7Ω/km	.473	12.01	100	78%	13	42.7	22	72

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

Datalene insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.